

FIG. 1

FIG. 1

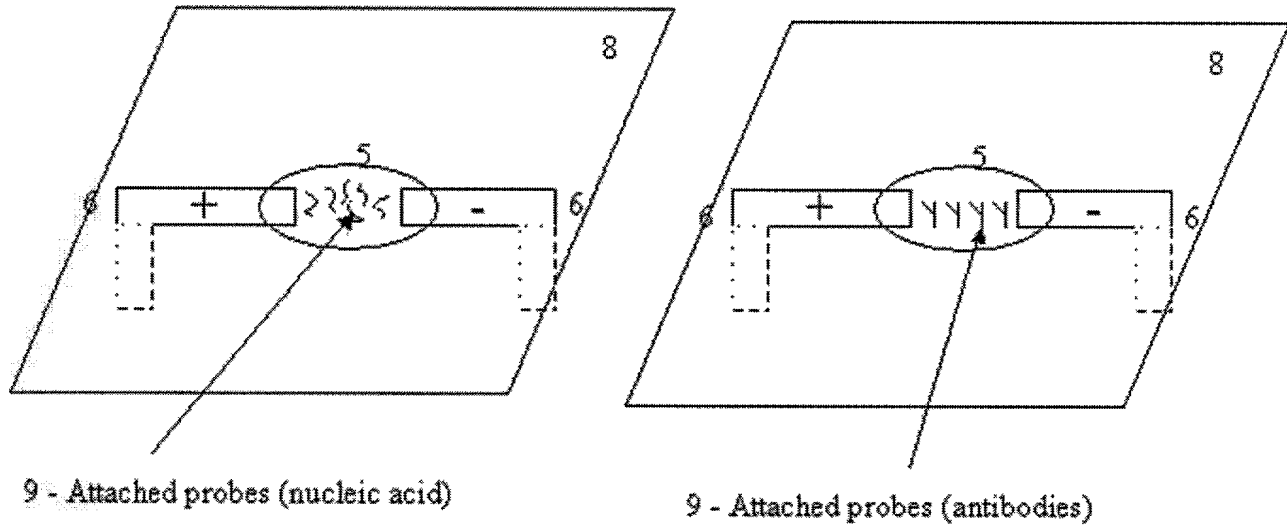
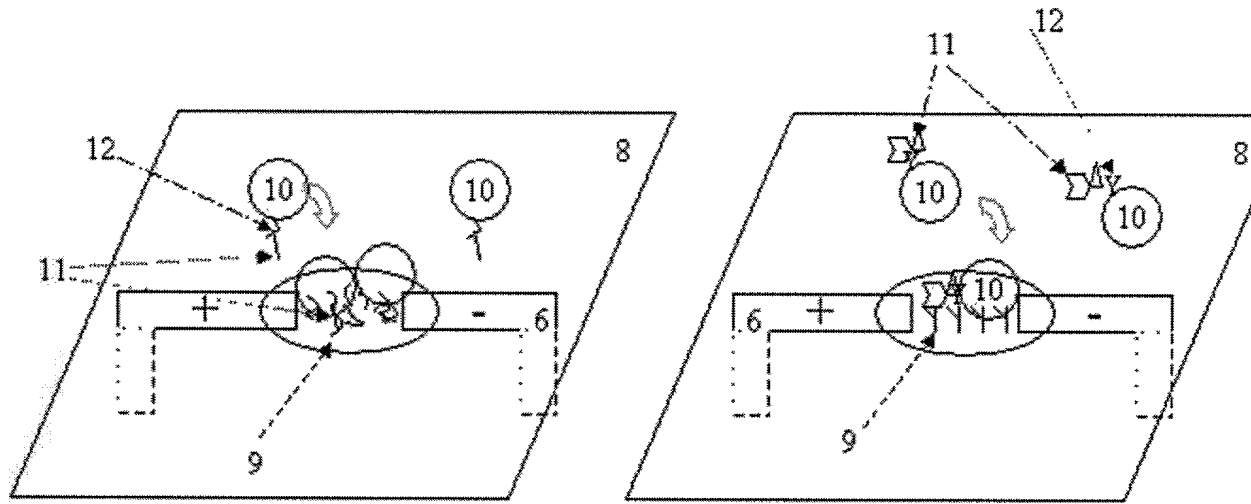


FIG. 2



11 \ Target nucleic acid

11 Σ^A Target analyte, with two epitopes

10 Iron bead linked to second probe (nucleic acid) 12

10 Iron bead linked to second probe (antibody) 12

9 Well-bound first probe (nucleic acid)

9 Well-bound first probe (antibody)

FIG. 3

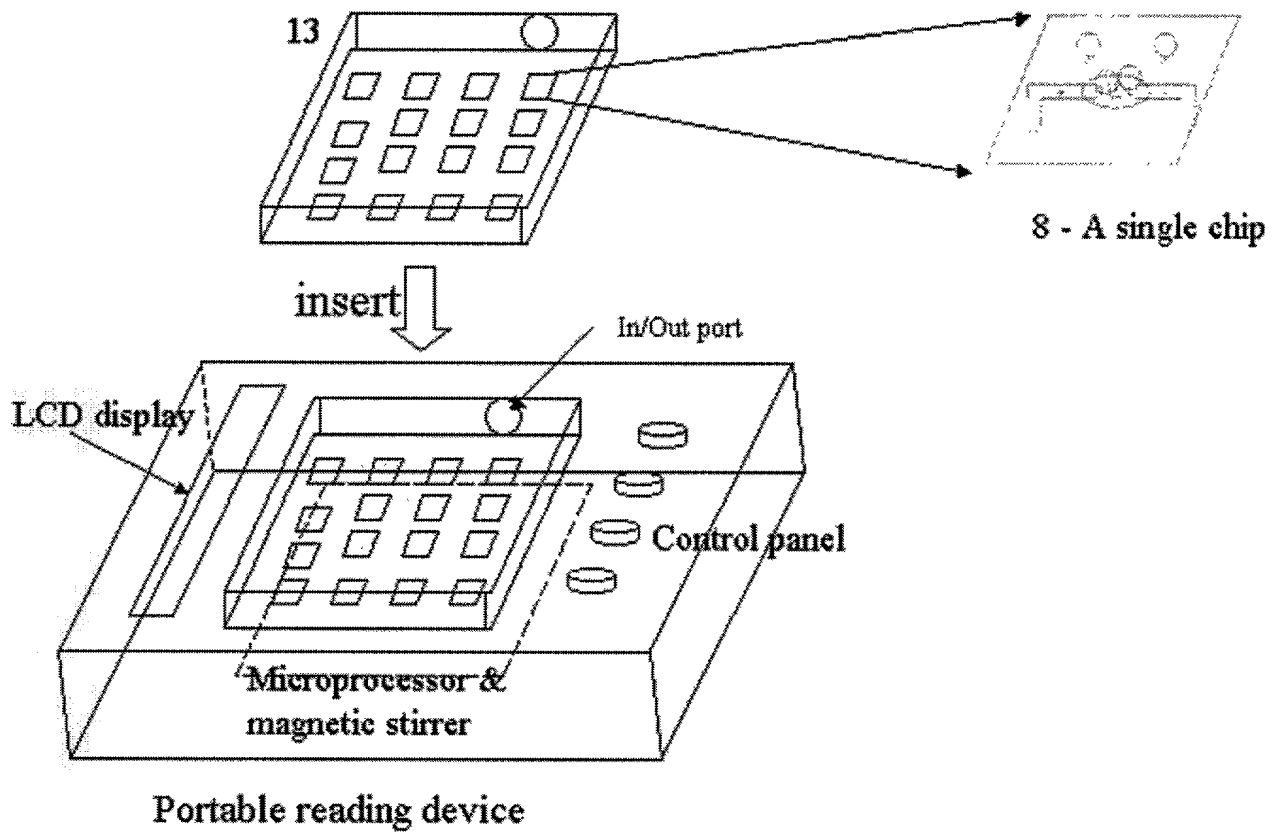
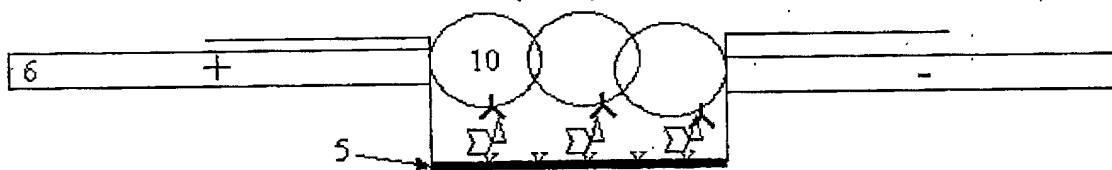


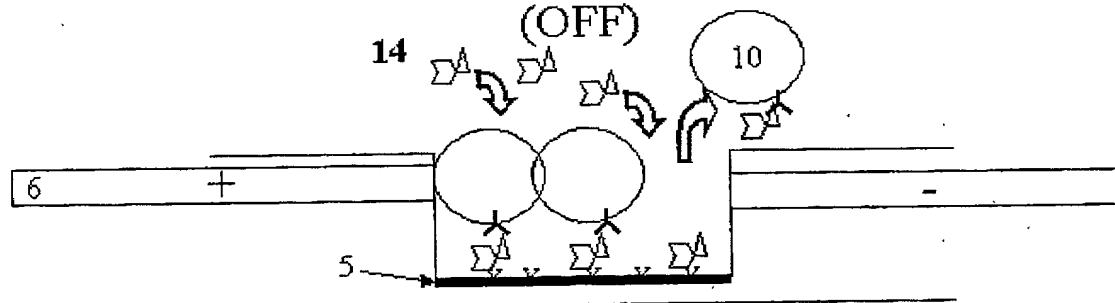
FIG. 4

TOP SECRET 65046660

Before
(ON)



After
(OFF)



△ Analyte (11)

—v— "well"-bound probe (9)



Iron bead-bound probe (12)

FIG. 5

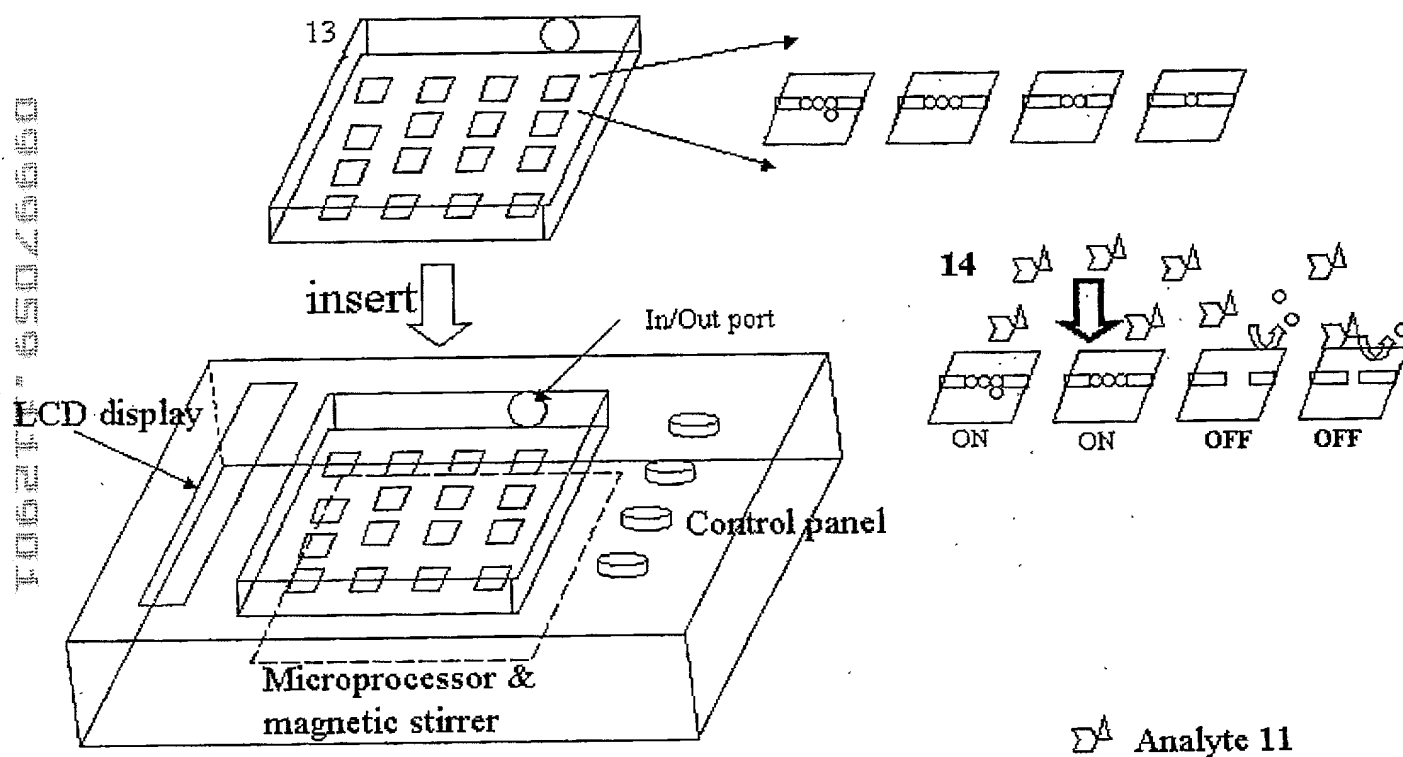


Fig. 6

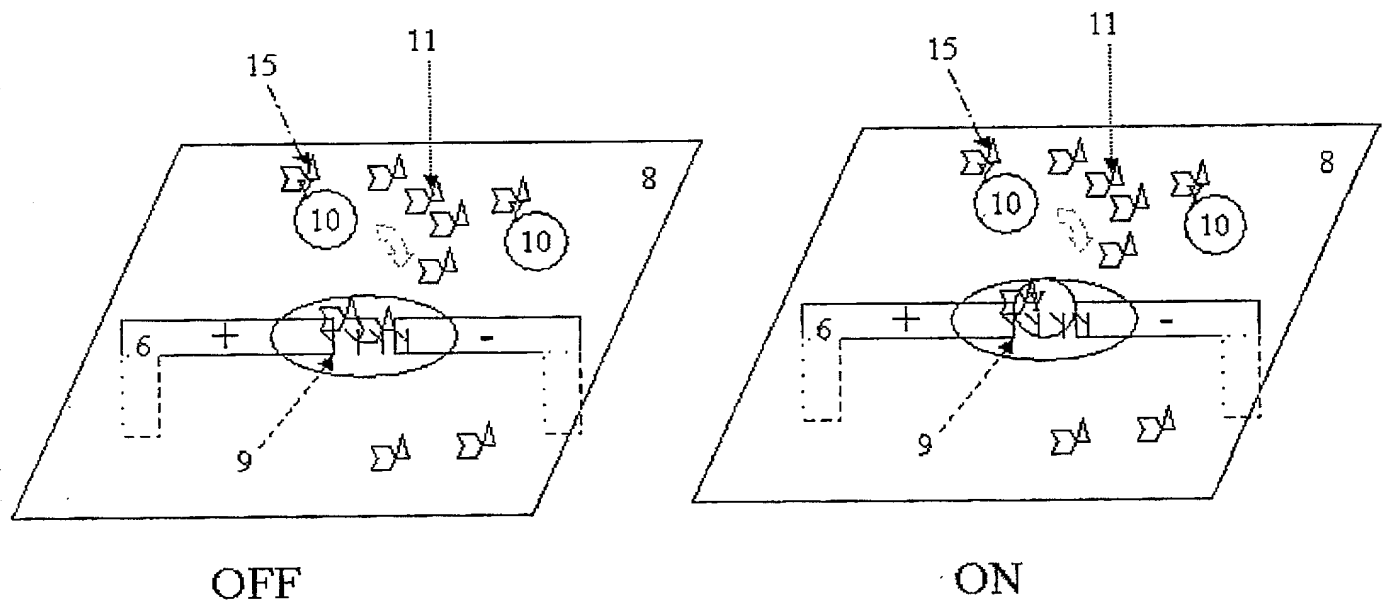


Fig. 7

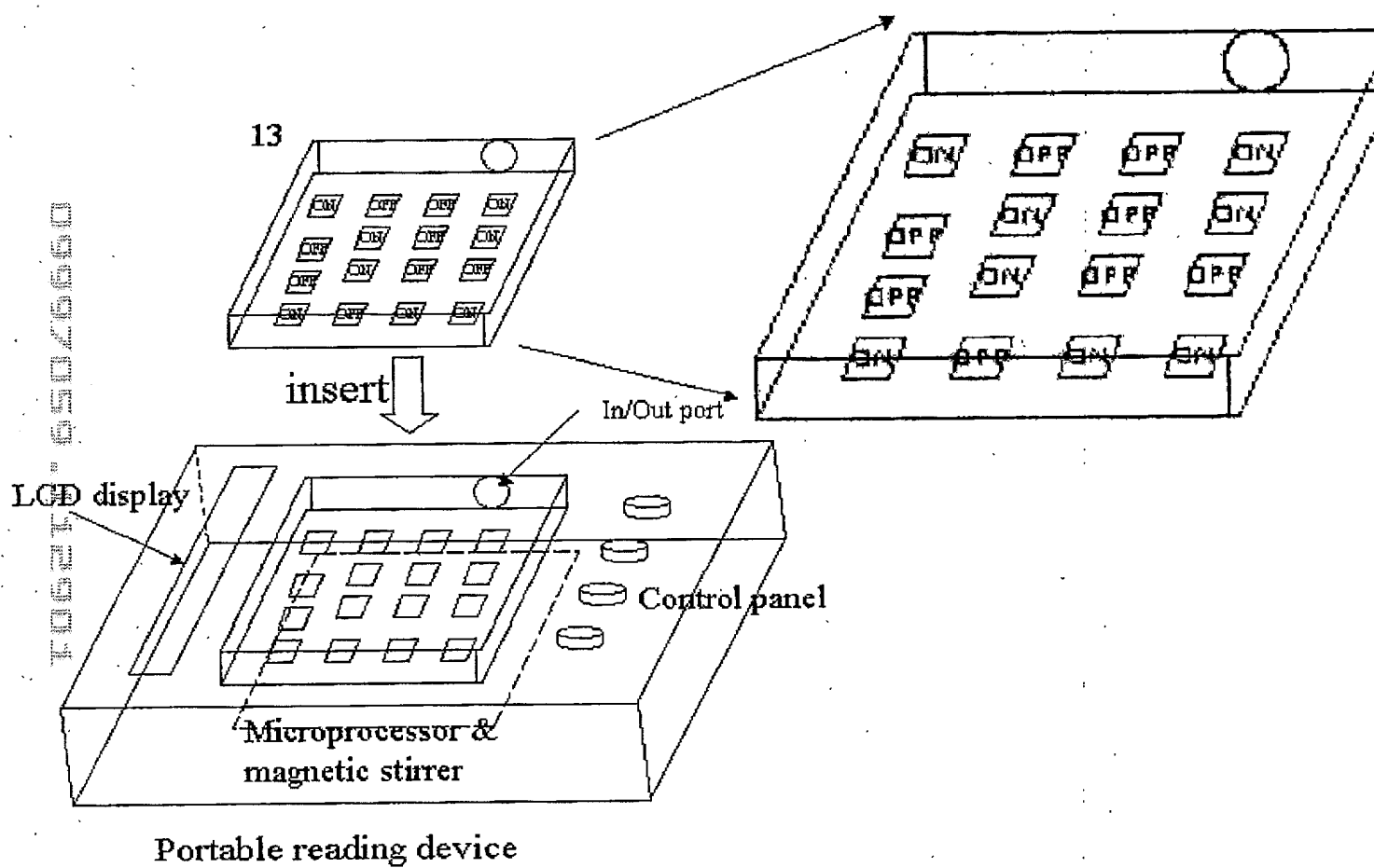


Fig. 8

22 5' GGTGGCGGCTGTGCTGCTG 3'

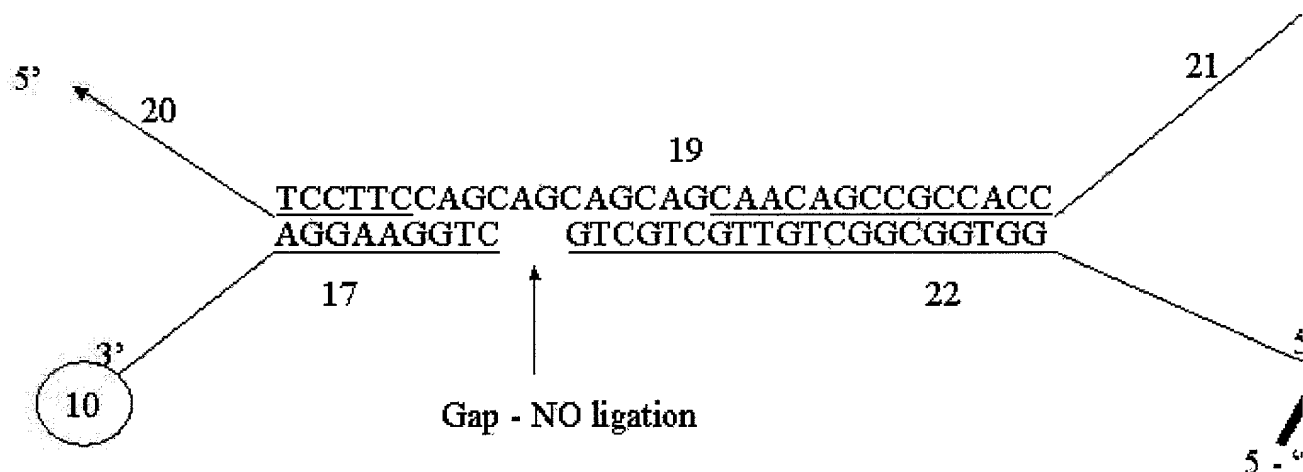


Fig. 10

23 5' GGTGGCGGCTGTTGCTGCTGCTGCTGCTG 3'

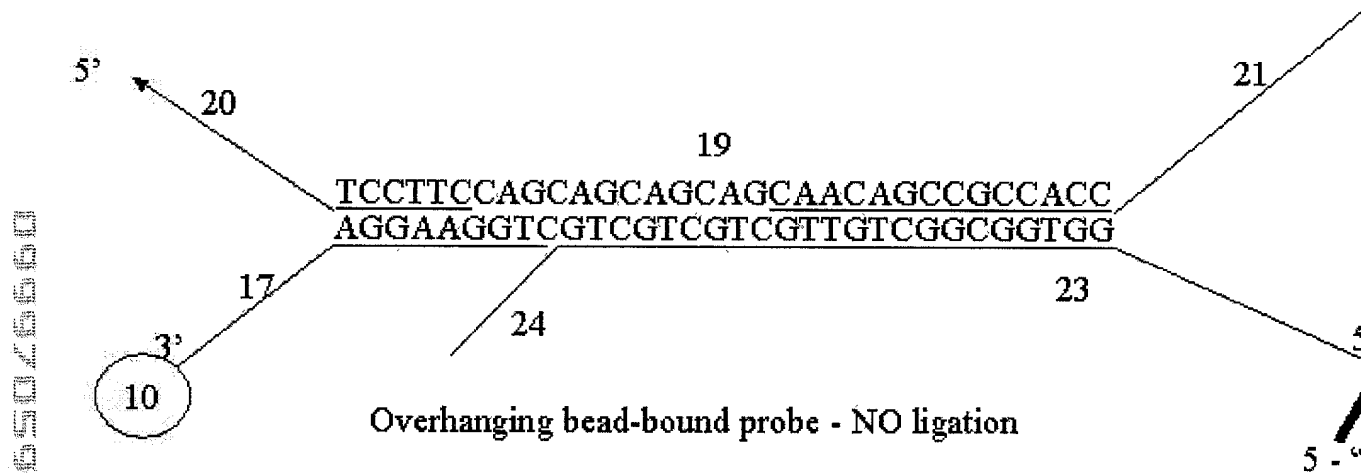


Fig. 11